

WHAT IS CLAIMED IS:

1. An activating device for a cover, comprising:  
a container having an opening face; /  
the cover which covers the opening face of the container;  
5 at least one pivot arm coupled to the cover;  
a pivot unit driving the pivot arm so that the cover opens  
and closes the opening face of the container; and  
a plate spring provided with at least one spring piece  
having a first portion fixed to the pivot arm and a second portion  
10 fixed to the cover, wherein a portion provided between both  
the first and second portions is bent.

2. An activating device for a cover, comprising: /  
a container having an opening face;  
15 the cover for covering the opening face of the container  
by pivoting the pivot arms;  
at least one pivot arm coupled to the cover;  
a pivot unit driving the pivot arm so that the cover opens  
and closes the opening face of the container; and  
20 a plate spring formed in a single piece so that an  
intermediate portion thereof is fixed to the pivot arm and both  
side end portions thereof are fixed to the cover, wherein portions  
provided between end portions and the intermediate portion  
respectively are bent.

3. An activating device for a cover as claimed in claim 1, wherein the plate spring is bent so as to form with a bending angle of 90° or larger.

5 4. An activating device for a cover as claimed in claim 1, wherein a plurality of plate springs are provided.

5. An activating device for a cover as claimed in claim 4, wherein the plurality of plate springs are provided such that  
10 at least one pair of plate springs are arranged in a row.

6. An activating device for a cover as claimed in claim 1, wherein the pivot unit is an electric motor with a reduction gear.

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7. An activating device for a cover as claimed in claim 1, the plate spring is provided with a pair of the spring pieces.

8. An activating device for a cover as claimed in claim 4,  
20 wherein the pivot unit includes a shaft, and  
a plurality of the pivot arms are fixed to the shaft and the plate springs are fixed to the pivot arms respectively.

9. An activating device for a cover as claimed in claim 4,  
25 wherein the plate springs are fixed to the cover so as to be

in parallel with one another.

10. A vacuum device comprising:

a vacuum chamber having an opening face;

5 a cover which covers the opening face of the container  
in a sealing manner;

at least one pivot arm coupled to the cover;

a pivot unit driving the pivot arm so that the cover opens  
and closes the opening face of the container; and

10 a plate spring provided with at least one spring piece  
having a first portion fixed to the pivot arm and a second portion  
fixed to the cover, wherein a portion provided between both  
the first and second portions is bent.

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